

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. **(Currently Amended)** A fin, for a flat tube heat exchanger that is configured to be flowed over by air, arranged between flat tubes of the heat exchanger or perpendicular to the flat tubes of the heat exchanger and connected to the flat tubes of the heat exchanger with a cohesive material joint or mechanically, comprising:

gills including a buckle-proof profile ~~which deviates from a straight line or a rectangular profile; and~~

~~molded stiffening elements integrated in the gills,~~

~~wherein the profile that~~ includes an S-shaped cross section with two rounded portions,

wherein the **S-shaped** cross section includes an incident-flow region, a flow-off region, and a deflecting region arranged between the incident-flow region and the flow-off region,

wherein the incident-flow region includes an incident flow-angle **that forms an angle with a central plane**, the flow-off region includes a flow-off angle **that forms an angle with the central plane**, and the deflecting region includes a deflecting angle **that forms an angle with the central plane**, and

wherein the incident flow-~~[[off]]~~ angle and the flow-off angle each lies in a range of from 0 to 10 degrees and the deflecting angle lies in a range of from 15 degrees to 35 degrees.

2 – 5. **(Cancelled).**

6. **(Previously Presented)** The fin as claimed in claim 1,

wherein the incident-flow angle and the flow-off angle are approximately the same size, and

wherein the deflecting angle is greater than the incident-flow angle and the flow-off angle.

7. (Cancelled).

8. (Currently Amended) The fin as claimed in claim 1, wherein the incident flow-~~[[off]]~~ angle and the flow-off angle each lies in a range of from 0 to 5 degrees and the deflecting angle lies in a range of from 20 degrees to 30 degrees.

9. (Cancelled).

10. (Currently Amended) The fin as claimed in claim 12, wherein the incident flow-~~[[off]]~~ angle and the flow-off angle each lies in a range of from 5 to 15 degrees and the deflecting angle lies in a range of from 20 degrees to 30 degrees.

11. (Cancelled).

12. (Currently Amended) A fin, for a flat tube heat exchanger that is configured to be flowed over by air, arranged between flat tubes of the heat exchanger or perpendicular to the flat tubes of the heat exchanger and connected to the flat tubes of the heat exchanger with a cohesive material joint or mechanically, comprising:

gills including a buckle-proof profile which ~~deviates from a straight line or a rectangular profile;~~

~~molded stiffening elements integrated in the gills,~~

~~wherein the profile~~ includes a cross section which is bent a plurality of times, wherein the cross section includes an incident-flow region, a flow-off region, and a deflecting region arranged between the incident-flow region and the flow-off region,

wherein the incident-flow region includes an incident flow-angle that forms an angle with a reference plane, the flow-off region includes a flow-off angle that forms an angle with the reference plane, and the deflecting region includes a deflecting angle that forms an angle with the reference plane, and

wherein the incident flow-~~[[off]]~~ angle and the flow-off angle each lies in a range of from 0 to 25 degrees and the deflecting angle lies in a range of from 15 degrees to 35 degrees.

13. **(Previously Presented)** The fin as claimed in claim 12,
wherein the incident-flow angle and the flow-off angle are approximately the same size, and
wherein the deflecting angle is greater than the incident-flow angle and the flow-off angle.
14. **(Previously Presented)** The fin as claimed in claim 12, wherein the cross section includes an approximately Z-shaped cross section.
15. **(Cancelled)**.